Serial No.: 10/708,385

Confirmation No.: 2384

Applicant: LUNDGREN, Jan et al.

Atty. Ref.: 7589.155.PCUS00

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of the claims in this application.

- 1. (Currently amended) A method for manufacturing a hollow blade for utilization in a stator component or rotor component, said method comprising: positioning at least one support element between two opposite blade walls of a hollow stator or rotor blade and joining the support element together with at least one of the two opposite blade walls utilizing laser-welding from the outside of the blade wall to be joined to the support element so that the joined-together portions of the support element and the joined blade wall form a substantially T-shaped joint.
- 2. (Original) The method as recited in claim 1, wherein said support element is arranged to extend essentially at right angles to a mean camber line of the blade.
- 3. (Original) The method as recited in claim 1, wherein said support element is plate-shaped.
- 4. (Original) The method as recited in claim 3, wherein the edge of the plate-shaped support element is connected to the blade wall.
- 5. (Original) The method as recited in claim 1, wherein during manufacture of the hollow blade, the support element is first positioned inside the blade and then welded firmly to the wall.
- 6. (Original) The method as recited in claim 1, wherein in cross-section, an outer contour of the blade forms the shape of an airfoil.
- 7. (Original) The method as recited in claim 1, wherein the stator or rotor component is configured for incorporation into a gas turbine.

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8. (Original) The method as recited in claim 1, wherein the stator or rotor component is

configured for incorporation into a jet engine.

9. (Cancelled) The method as recited in claim 1, wherein the stator or rotor component is

configured to form at least part of an aircraft wing.

10. (New) A method for manufacturing a hollow blade for utilization in a stator

component or rotor component, said method comprising: positioning at least one support element

between two opposite blade walls of a hollow blade and joining the support element together with

at least one of the two opposite blade walls utilizing laser-welding along one single continuous

line of laser-welding from the outside of the blade wall to be joined to the support element so that

the joined-together portions of the support element and the joined blade wall form a substantially

T-shaped joint.

11. (New) The method as recited in claim 10, wherein said support element is arranged to

extend essentially at right angles to a mean camber line of the blade.

12. (New) The method as recited in claim 10, wherein said support element is plate-

shaped.

13. (New) The method as recited in claim 12, wherein the edge of the plate-shaped

support element is connected to the blade wall.

14. (New) The method as recited in claim 10, wherein during manufacture of the hollow

blade, the support element is first positioned inside the blade and then welded firmly to the wall.

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15. (New) The method as recited in claim 10, wherein in cross-section, an outer contour of the blade forms the shape of an airfoil.

16. (New) The method as recited in claim 10, wherein the stator or rotor component is

configured for incorporation into a gas turbine.

17. (New) The method as recited in claim 10, wherein the stator or rotor component is

configured for incorporation into a jet engine.

18. (New) The method as recited in claim 1, wherein the stator or rotor component is

configured to form at least part of an aircraft wing.

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